Statistics - FedoraProject

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Discussion

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History

This page contains a variety of statistics about Fedora's usage. The Fedora Project believes that metrics are an important tool.

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Who uses Fedora?

Lots of different people. Millions, in fact -- many millions! You can see some notable examples on the Overview page.

Fedora 12 (Constantine)

Constantine unified starting on 2009-11-17.

Yum Data

Current release connections

Connections to yum

Week	Dates	New Unique IPs	Total Unique IPs	Total compared to Leonidas
Week 1	2009-11-17 -- 2009-11-23	91,620	91,620	87%
Week 2	2009-11-24 -- 2009-11-30	88,238	179,858	92%
Week 3	2009-12-01 -- 2009-12-07	88,194	268,052	97%
Week 4	2009-12-08 -- 2009-12-14	89,622	357,674	97%
Week 5	2009-12-15 -- 2009-12-21	90,215	447,889	99%
Week 6	2009-12-22 -- 2009-12-28	89,697	537,586	98%
Week 7	2009-12-29 -- 2010-01-04	90,096	627,682	97%
Week 8	2010-01-05 -- 2010-01-11	98,631	726,313	97%
Week 9	2010-01-12 -- 2010-01-18	101,423	827,736	97%
Week 10	2010-01-19 -- 2010-01-25	94,734	922,470	96%
Week 11	2010-01-26 -- 2010-02-01	108,173	1,030,643	96%
Week 12	2010-02-02 -- 2010-02-08	113,659	1,144,302	97%
Week 13	2010-02-09 -- 2010-02-15	113,893	1,258,195	97%
Week 14	2010-02-16 -- 2010-02-22	117,088	1,375,283	97%
Week 15	2010-02-23 -- 2010-03-01	77,693	1,452,976	95%

Total repository connections

Total connections to repositories (as of 2010-03-01)								
Method	Fedora 7	Fedora 8	Fedora 9	Fedora 10	Fedora 11	Fedora 12	Rawhide	TOTAL
Mixed	3,977,937	5,970,278	3,357,920	3,872,556	3,378,913	1,452,976	968,989	22,979,569
New	4,001,931	6,059,352	3,517,697	3,872,556	3,378,913	1,452,976	968,989	23,252,414

TOTAL UNIQUE IPs: 19,767,948

It's uncertain whether the old method used for Fedora 9 and previous releases was properly counting all unique IPs. The new method works incrementally, and thus takes longer, but should be slightly more accurate.

Accuracy of metrics

The numbers above for yum represent unique IP addresses that reach our update server, not simply downloads. We believe it is reasonable to equate a "new IP address checking in" with "a new installation of Fedora", with the following caveats:

1. Users who have dynamic IP addresses will likely be counted multiple times, which inflates the number by some amount.

2. Users who are behind NAT or corporate proxies will not be counted at all.

The anecdotal evidence that we receive from different groups, companies, and organizations suggests that group (2) is significantly larger than group (1). As such, we believe that the true numbers in the field are higher than the numbers on this page. For a more thorough discussion and enlightening information about the measurement of Fedora's userbase, refer to this blog entry by Jef Spaleta.

Smolt Data

Smolt is Fedora's hardware profiling project. It is an **opt-in** database that tracks unique installations of Fedora, and various details about that install. People who install to runlevel 5 will be able to opt-in during firstboot, but people who install to runlevel 3 will have to install the smolt client via yum and manually register.

BitTorrent

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The following table shows the number of downloads that have been made over BitTorrent. This table shows downloads only through trackers connected to the official torrent server.

Downloads from bittorrent (as of 2010-02-25)

Sulphur (F9)	Cambridge (F10)	Leonidas (F11)[1]	Constantine (F12)
443,932	516,825	353,368	188,479

1. ↑ The statistics for BitTorrent were interrupted on or about 2009-09-04 Fedora 11 because of a torrent server reset. Totals at that time are added to the current totals (F10: 306,696, F11: 169,832).

Direct Download

The following table shows the number of direct downloads of Fedora 12 media **from unique IP addresses**, as shown in the web proxy logs. The actual number of raw downloads tends to be much higher.

Direct downloads from the web

Week	Dates	Downloads this week	Total downloads
Week 1	2009-11-17 -- 2009-11-23	154,804	154,804
Week 2	2009-11-24 -- 2009-11-30	84,372	239,176
Week 3	2009-12-01 -- 2009-12-07	68,829	308,005
Week 4	2009-12-08 -- 2009-12-14	61,611	369,616
Week 5	2009-12-15 -- 2009-12-21	56,961	426,577
Week 6	2009-12-22 -- 2009-12-28	51,148	477,725
Week 7	2009-12-29 -- 2010-01-04	49,480	527,205
Week 8	2010-01-05 -- 2010-01-11	54,668	581,873
Week 9	2010-01-12 -- 2010-01-18	57,865	639,738
Week 10	2010-01-19 -- 2010-01-25	57,698	697,436
Week 11	2010-01-26 -- 2010-02-01	57,785	755,221
Week 12	2010-02-02 -- 2010-02-08	57,286	812,507
Week 13	2010-02-09 -- 2010-02-15	54,932	867,439
Week 14	2010-02-16 -- 2010-02-22	54,803	922,242
Week 15	2010-02-23 -- 2010-03-01	56,533	978,775

fedoraproject.org unique visitors

fedoraproject.org visitors

Period	Unique IPs
January 2008	785,583
February 2008	782,043
March 2008	830,078
April 2008	723,776
May 2008	1,128,115

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June 2008	825,912
July 2008	751,521
August 2008	773,209
September 2008	1,461,490
October 2008	1,351,477
November 2008	1,993,547
December 2008	1,873,217
January 2009	1,815,135
February 2009	1,697,108
March 2009	1,816,077
April 2009	1,749,571
May 2009	1,996,040
June 2009	2,305,280
July 2009	1,929,651
August 2009	1,964,544
September 2009	1,859,708
October 2009	1,996,649
November 2009	2,423,626 (all-time monthly high)
December 2009	1,969,482
January 2010	1,829,467
February 2010	1,628,215

Edits to Fedora wiki

Fedora wiki edits		
Period	Total edits	Edits from unique IPs
October 2007	921	426
November 2007	1,090	472
December 2007	807	378
January 2008	1,170	580
February 2008	1,244	645
March 2008	1,280	705
April 2008	1,283	755
May 2008	6,043	766
June 2008	6,561	731
July 2008	4,112	528
August 2008	2,226	423
September 2008	4,738	791
October 2008	3,848	617
November 2008	4,619	715
December 2008	4,627	751
January 2009	6,327	739
February 2009	7,444	764
March 2009	8,650	973
April 2009	5,294	844
May 2009	5,191	928

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June 2009	5,337	858
July 2009	5,373	807
August 2009	4,864	702
September 2009	5,796	868
October 2009	5,407	782
November 2009	5,665	957
December 2009	4,058	653
January 2010	5,319	711
February 2010	12,384	761

Fedora Active Accounts
May 2005-Feb 2010
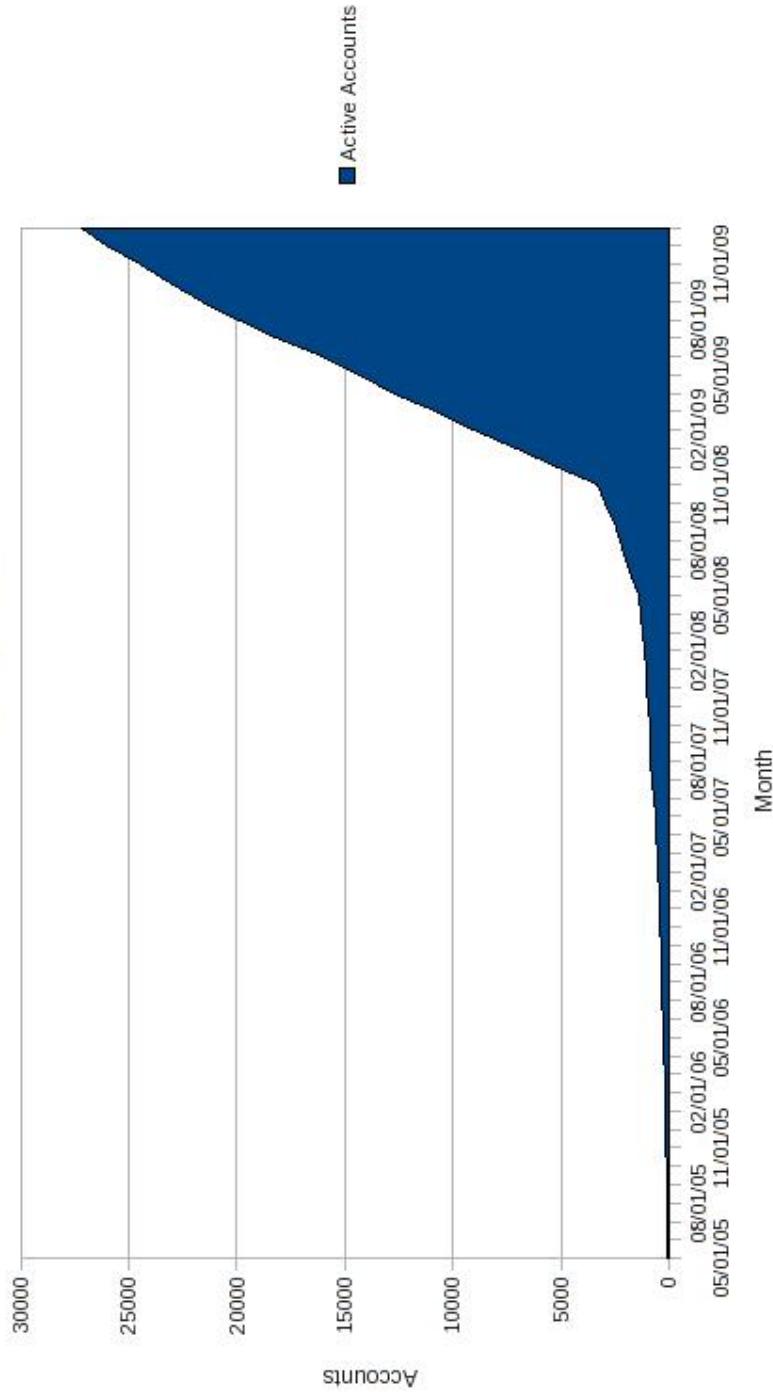
In April 2008, the Fedora Account System CLA process was converted to a click-through process instead of a manual process of GPG signing and fax/email.

Ambassadors

Information about the number of Fedora Ambassadors.

Translators

Information on the growth and numbers of Fedora Translators.

Maps

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A variety of maps showing various statistics.

Charts

Some charts are available reflecting some of the information shown on this page.

Legacy Statistics

Older releases and years are on the Legacy statistics page.

Commands

Information on how these statistics are gathered is found here.